



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/447,443	11/22/1999	PRASANTA BEHERA	NETS0059	3814

22862 7590 06/03/2004

GLENN PATENT GROUP  
3475 EDISON WAY, SUITE L  
MENLO PARK, CA 94025

EXAMINER

DODDS, HAROLD E

ART UNIT PAPER NUMBER

2177

DATE MAILED: 06/03/2004

25

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/447,443

Applicant(s)

BEHERA, PRASANTA

Examiner

Harold E. Dodds, Jr.

Art Unit

2177

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Weschler et al. (U.S. Patent No. 6,470,332), Hann et al. (U.S. Patent No. 4,799,153), and Albrecht et al. (U.S. Patent No. (5,950,011)).

3. Weschler rendered obvious independent claims 1, 10, and 19 by the following:

"...said system administrator defined..." at col. 2, lines 35-37 and col. 1, lines 55-59.

"...read access control command..." at col. 8, lines 1-15, col. 8, lines 56-59, and col. 7, lines 56-59.

"...listing a set of Lightweight Directory Access Protocol (LDAP) user attributes..." at col. 1, lines 55-59, col. 4, lines 7-9, col. 4, lines 61-63, and col. 8, lines 56-59.

"...selected and controlled by said administrator..." at col. 1, lines 55-59, col. 3, lines 62-64, and col. 2, lines 35-37.

"...said user selecting a subset..." at col. 3, lines 43-47, col. 3, lines 62-64, col. 1, lines 60-63, and col. 4, lines 7-9.

"...from said system administrator defined LDAP user attributes..." at col. 2, lines 35-37, col. 1, lines 55-63, and col. 8, lines 56-59.

Art Unit: 2177

"...said user defined subset..." at col. 5, lines 28-32, col. 1, lines 55-63, and col. 4, lines 7-9.

"...of system administrator defined LDAP user attributes..." at col. 2, lines 35-37, col. 1, lines 55-59, col. 4, lines 61-63, and col. 8, lines 56-59.

"...and said read access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59.

"...referring to said user defined..." at col. 1, lines 55-59.

"...at runtime..." at col. 1, lines 55-59.

"...read access to said system administrator defined LDAP user attributes..." at col. 8, lines 1-15, col. 8, lines 56-59, col. 2, lines 35-37, col. 1, lines 55-59, and col. 7, lines 56-59.

"...wherein said read access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59.

"...resides in a directory containing said LDAP user attributes..." at col. 8, lines 10-15 and col. 8, lines 56-59.

Weschler does not teach the use of user identifications, the providing of user defined access command attributes, and the use of read lists.

4. However, Hann teaches the use of user identifications as follows:

"...containing user identifications..." at col. 16, lines 16-21.

"...thereby allowing said read user identifications..." at col. 7, lines 30-33 and col. 16, lines 16-21.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to use user identifications in order have a method of determining which users were authorized to use the system.

Hann does not teach the providing of user defined access command attributes, providing of system administrator defined access commands, and the use of read lists.

5. However, Albrecht teaches the providing of user defined access command attributes and the use of read lists as follows:

"...providing a system administrator defined read access control command for a user..." at col. 4, lines 19-23, col. 1, lines 62-67, col. 2, lines 1-3, col. 2, lines 26-32, col. 9, lines 45-49, and col. 4, lines 23-27.

"...for allowing user defined read access to other users..." at col. 2, lines 25-32, col. 6, lines 64-67, col. 7, lines 1-2, and col. 19, lines 38-42.

"...providing a user defined access control command attribute..." at col. 1, lines 62-67, col. 2, lines 1-3, col. 2, lines 26-32, col. 9, lines 45-49, and col. 9, lines 57-58.

"...read list..." at col. 10, lines 18-23.

"...that are allowed to read..." at col. 2, lines 26-32.

"...read list..." at col. 10, lines 18-23.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to provide the user with the capability of defining access command attributes in order to make the system user-friendly and provide ease of operation of the system. Likewise, it would have been obvious to one ordinarily skilled in the art at the time of the

invention to be able to read a user-defined list in order to select entries in the list for further processing.

6. Weschler rendered obvious independent claims 5, 14, and 23 by the following:

"...that lists Lightweight Directory Access Protocol (LDAP) user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined read access..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...said user selecting a subset..." at col. 3, lines 43-47, col. 1, lines 55-63, and col. 4, lines 7-9,

"...providing a system administrator defined..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...write access control command..." at col. 8, lines 3-9, col. 8, lines 55-59, and col. 7, lines 57-61.

"...that lists LDAP user attributes..." at col. 8, lines 56-59, col. 1, lines 55-59, and col. 7, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined write access..." at col. 1, lines 55-59, col. 8, lines 39-, and col. 8, lines 56-59.

"...providing a plurality of user defined..." at col. 1, lines 55-59.

"...access control command attribute..." at col. 8, lines 55-59 and col. 7, lines 57-61.

Art Unit: 2177

"...said user defined subset..." at col. 5, lines 28-32, col. 1, lines 55-63, and col. 4, lines 7-9.

"...from said LDAP user attributes..." at col. 8, lines 56-59, col. 1, lines 55-59, and col. 7, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined read access..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...and providing a plurality of user defined..." at col. 1, lines 55-59.

"...access control command attribute..." at col. 8, lines 55-59 and col. 7, lines 57-61.

"...said user defined subset..." at col. 5, lines 28-32, col. 1, lines 55-63, and col. 4, lines 7-9.

"...from said LDAP user attributes..." at col. 8, lines 56-59, col. 1, lines 55-59, and col. 7, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined write access..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...wherein said read access control command and said write access control command..." at col. 8, lines 3-9, col. 8, lines 56-59, and col. 7, lines 57-61.

"...reside in a directory containing said LDAP user attributes..." at col. 8, lines 10-15, col. 8, lines 56-59, and col. 7, lines 56-59.

"...wherein when a client read access..." at col. 1, lines 55-59, col. 8, lines 3-9, and col. 8, lines 56-59.

"...to one of the LDAP user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined read access occurs..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...said read access control command..." at col. 8, lines 3-9, col. 8, lines 56-59, and col. 7, lines 57-61.

"...of the attribute being accessed..." at col. 8, lines 56-59.

"...said read access..." at col. 8, lines 1-9 and col. 8, lines 56-59.

"...and wherein when a client write access..." at col. 1, lines 55-59, col. 8, lines 3-9, and col. 8, lines 56-59.

"...to one of the LDAP user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined write access occurs..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...said write access control command..." at col. 8, lines 3-9, col. 8, lines 56-59, and col. 7, lines 57-61.

"...of the attribute being accessed..." at col. 8, lines 56-59.

"...said write access..." at col. 8, lines 1-9 and col. 8, lines 56-59.

Weschler does not teach providing system administrator access control commands, the lists of user identifications, the use of owners, the use of read lists, and the use of write lists.

7. However, Hann teaches the use of user identifications as follows:



"...containing user identifications..." at col. 16, lines 16-21.

"...containing user identifications..." at col. 16, lines 16-21.

"...of the owner..." at col. 16, lines 20-21 and col. 7, lines 36-39.

"...of the owner..." at col. 16, lines 20-21 and col. 7, lines 36-39.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to use user identifications in order have a method of determining which users were authorized to use the system. Likewise, it would have been obvious to one ordinarily skilled in the art at the time of the invention to allow certain users to own attributes in order to restrict use of these attributes to users that have permission of the owner to use the owned attributes.

Hann does not teach providing system administrator access control commands and the use of read lists and the use of write lists.

8. However, Albrecht teaches the use of read lists and the use of write lists as follows:

"...providing for a user a system administrator defined read access control command..." at col. 4, lines 19-27, col. 1, lines 62-67, col. 2, lines 1-3, col. 2, lines 26-32, and col. 9, lines 45-49.

"...of user defined LDAP user attributes from said list for read access to other users..." at col. 2, lines 25-32, col. 6, lines 64-67, col. 7, lines 1-2, and col. 19, lines 38-42.

"...providing for a user a system administrator defined write access control command..." at col. 4, lines 19-27, col. 1, lines 62-67, col. 2, lines 1-3, col. 2, lines 26-32, and col. 9, lines 45-49.

Art Unit: 2177

"...of user defined LDAP user attributes from said list for read access to other users..." at col. 2, lines 25-32, col. 6, lines 64-67, col. 7, lines 1-2, and col. 19, lines 38-42.

"...read lists..." at col. 10, lines 18-23.

"...that are allowed to read..." at col. 2, lines 26-32.

"...write lists..." at col. 2, lines 26-32 and col. 10, lines 18-23.

"...that are allowed to write..." at col. 2, lines 26-32.

"...and the read list..." at col. 10, lines 18-23.

"...are used to determine if said client has permission to execute..." at col. 21, lines 61-65 and col. 13, lines 31-34.

"...and the write list..."

"...are used to determine if said client has permission to execute..." at col. 21, lines 61-65 and col. 13, lines 31-34.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to provide the system administrator with the capability of defining access commands in order to make the system user-friendly and provide ease of operation of the system. Likewise, it would have been obvious to one ordinarily skilled in the art at the time of the invention to be able to read using a user-defined list in order to select entries in the list for further processing and to write using a user-defined list in order to complete processing entities on the list.

9. Weschler rendered obvious independent claims 6, 15, and 24 by the following:

"...said system administrator defined..." at col. 2, lines 35-37 and col. 1, lines 55-59.

Art Unit: 2177

"...write access control command..." at col. 8, lines 1-15, col. 8, lines 56-59, and col. 7, lines 56-59.

"...listing a set of Lightweight Directory Access Protocol (LDAP) user attributes..." at col. 1, lines 55-59, col. 4, lines 7-9, col. 4, lines 61-63, and col. 8, lines 56-59.

"...selected and controlled by said administrator..." at col. 1, lines 55-59, col. 3, lines 62-64, and col. 2, lines 35-37.

"...said user selecting a subset..." at col. 3, lines 43-47, col. 1, lines 55-63, and col. 4, lines 7-9.

"...from said system administrator defined LDAP user attributes..." at col. 2, lines 35-37, col. 1, lines 55-59, col. 4, lines 61-63, and col. 8, lines 56-59.

"...said user defined subset..." at col. 5, lines 28-32, col. 1, lines 55-63, and col. 4, lines 7-9.

"...of system administrator defined LDAP user attributes..." at col. 2, lines 35-37, col. 1, lines 55-59, col. 4, lines 61-63, and col. 8, lines 56-59.

"...and said write access control command..." at col. 8, lines 1-15, col. 8, lines 56-59, and col. 7, lines 56-59.

"...referring to said user defined..." at col. 1, lines 55-59.

"...at runtime..." at col. 1, lines 55-59.

"...write access to said system administrator defined LDAP user attributes..." at col. 8, lines 1-15, col. 8, lines 56-59, col. 2, lines 35-37, col. 1, lines 55-59, and col. 7, lines 56-59.

Art Unit: 2177

"...wherein said write access control command..." at col. 8, lines 1-15, col. 8, lines 56-59, and col. 7, lines 56-59.

"...resides in a directory containing said LDAP user attributes..." at col. 8, lines 10-15, col. 8, lines 56-59, and col. 7, lines 56-59.

Weschler does not teach the use of user identifications, the providing of user defined access command attributes, the providing of system administrator defined access commands, and the use of write lists.

10. However, Hann teaches the use of user identifications as follows:

"...containing user identifications..." at col. 16, lines 16-21.

"...thereby allowing said write user identifications..." at col. 7, lines 30-33 and col. 16, lines 16-21.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to use user identifications in order have a method of determining which users were authorized to use the system.

Hann does not teach the providing of user defined access command attributes, the providing of system administrator defined access commands, and the use of write lists.

11. However, Albrecht teaches the use of write lists as follows:

"...providing a system administrator defined write access control command for a user..." at col. 4, lines 19-23, col. 1, lines 62-67, col. 2, lines 1-3, col. 2, lines 26-32, col. 9, lines 45-49, and col. 4, lines 23-27.

"...for allowing user defined write access to other users..." at col. 2, lines 25-32, col. 6, lines 64-67, col. 7, lines 1-2, and col. 19, lines 38-42.

"...write list..." at col. 2, lines 26-32 and col. 10, lines 18-23.

"...that are allowed to write..." at col. 2, lines 26-32.

"...providing a system administrator defined write access control command..." at col. 4, lines 19-23, col. 1, lines 62-67, col. 2, lines 1-3, col. 2, lines 26-32, and col. 9, lines 45-49.

"...write list..." at col. 2, lines 26-32 and col. 10, lines 18-23.

"...write access to said user attributes..." at col. 10, lines 57-61 and col. 9, lines 57-58.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to provide of user with the capability of defining access command attributes in order to make the system user-friendly and provide ease of operation of the system. Likewise, it would have been obvious to one ordinarily skilled in the art at the time of the invention to be able to write a user-defined list in order to select entries in the list for further processing.

12. As per claims 2, 11, and 20, the "...read access control command..." is taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7, lines 56-59, the "...according to the attribute being accessed..." is taught by Weschler at col. 8, lines 57-59, the "...refers to the read list..." is taught by Albrecht at col. 10, lines 18-23, the "...list of the owner..." is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-39,

Art Unit: 2177

the "...of the attribute being accessed...", is taught by Weschler at col. 8, lines 57-59,  
the "...to determine if said client has permission to execute...", is taught by Albrecht at  
col. 21, lines 61-65 and col. 13, lines 31-34,  
and the "...read access...", is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-  
59.

13. As per claims 3, 12, and 21, the "...providing a user defined...", is taught  
by Weschler at col. 1, lines 55-59,  
the "...write list...", is taught by Albrecht at col. 2, lines 26-32 and col. 10, lines 18-22,  
the "...containing user identifications...", is taught by Hann at col. 16, lines 16-21,  
the "...that are allowed to write a specified set of attributes...", is taught by Weschler at  
col. 8, lines 3-9,  
the "...providing a system administrator defined...", is taught by Weschler at col. 2, lines  
35-37 and col. 1, lines 55-59,  
the "...write access control command...", is taught by Weschler at col. 8, lines 1-9, col. 8,  
lines 56-59, and col. 7, lines 56-59,  
the "...write access control command...", is taught by Weschler at col. 8, lines 1-9, col. 8,  
lines 56-59, and col. 7, lines 56-59,  
the "...listing the user attributes...", is taught by Weschler at col. 8, lines 56-59 and col.  
7, lines 56-59,  
the "...said administrator has selected...", is taught by Weschler at col. 2, lines 35-37  
and col. 1, lines 55-59,

Art Unit: 2177

the "...for user defined write access..." is taught by Weschler at col. 1, lines 55-59, col. 8, lines 1-9, and col. 8, lines 56-59,

the "...write access control command referring to..." is taught by Weschler at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59,

the "...user defined..." is taught by Weschler at col. 1, lines 55-59,

the "...write list..." is taught by Albrecht at col. 2, lines 26-32 and col. 10, lines 18-22,

the "...user identifications..." is taught by Hann at col. 16, lines 16-21,

and the "...write access to said user attributes..." is taught by Weschler at col. 8, lines 56-59 and col. 7, lines 56-59.

14. As per claims 4, 13, and 22, the "...write access control command..." is taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7, lines 56-59, the "...according to the attribute being accessed..." is taught by Weschler at col. 8, lines 57-59,

the "...refers to the write list..." is taught by Cutler at col. 23, lines 58-60,

the "...list of the owner..." is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-39,

the "...of the attribute being accessed..." is taught by Weschler at col. 8, lines 57-59,

the "...to determine if said client has permission to execute..." is taught by Albrecht at col. 21, lines 61-65 and col. 13, lines 31-34,

and the "...write access..." is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-59.

15. As per claims 7, 16, and 25, the "...write access control command..." is taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7, lines 56-59, the "...according to the attribute being accessed..." is taught by Weschler at col. 8, lines 57-59, the "...refers to the write list..." is taught by Cutler at col. 23, lines 58-60, the "...list of the owner..." is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-39, the "...of the attribute being accessed..." is taught by Weschler at col. 8, lines 57-59, the "...to determine if said client has permission to execute..." is taught by Albrecht at col. 21, lines 61-65 and col. 13, lines 31-34, and the "...write access..." is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-59.

16. As per claims 8, 17, and 26, the "...providing a user defined..." is taught by Weschler at col. 1, lines 55-59, the "...read list..." is taught by Albrecht at col. 10, lines 18-22, the "...containing user identifications..." is taught by Hann at col. 16, lines 16-21, the "...that are allowed to read a specified set of attributes..." is taught by Weschler at col. 8, lines 3-9, the "...providing a system administrator defined..." is taught by Weschler at col. 2, lines 35-37 and col. 1, lines 55-59, the "...read access control command..." is taught by Weschler at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59,



Art Unit: 2177

the "...read access control command...", is taught by Weschler at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59,

the "...listing the user attributes...", is taught by Weschler at col. 8, lines 56-59 and col. 7, lines 56-59,

the "...said administrator has selected...", is taught by Weschler at col. 2, lines 35-37 and col. 1, lines 55-59,

the "...for user defined read access...", is taught by Weschler at col. 1, lines 55-59, col. 8, lines 1-9, and col. 8, lines 56-59,

the "...read access control command referring to...", is taught by Weschler at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59,

the "...user defined...", is taught by Weschler at col. 1, lines 55-59,

the "...read list...", is taught by Albrecht at col. 10, lines 18-22,

the "...user identifications...", is taught by Hann at col. 16, lines 16-21,

and the "...read access to said user attributes...", is taught by Weschler at col. 8, lines 56-59 and col. 7, lines 56-59.

17. As per claims 9, 18, and 27, the "...read access access control command...", is taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7, lines 56-59,

the "...according to the attribute being accessed...", is taught by Weschler at col. 8, lines 57-59,

the "...refers to the read list...", is taught by Albrecht at col. 10, lines 18-23,

Art Unit: 2177

the "...list of the owner...", is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-39,

the "...of the attribute being accessed...", is taught by Weschler at col. 8, lines 57-59,

the "...to determine if said client has permission to execute...", is taught by Albrecht at col. 21, lines 61-65 and col. 13, lines 31-34,

and the "...read access...", is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-59.

### ***Response to Arguments***

18. Applicant's arguments filed 18 August 2003 have been fully considered but they are not persuasive. In the first argument for claims 1, 10, and 19 on page 2, paragraph 8, the Applicant states:

"Therefore, Applicant is of the opinion that it is readily apparent that Weschler does not teach, suggest, or contemplate: said read access control command listing LDAP user attributes that said administrator has selected for user defined read access."

The Examiner disagrees. The Applicant has paraphrased the claim language. The examiner is in doubt of the meaning of "said administrator has selected for user defined read access." Weschler teaches "read access control command" at col. 8, lines 1-15, col. 8, lines 56-59, and col. 7, lines 56-59, "listing a set of Lightweight Directory Access Protocol (LDAP) user attributes" at col. 1, lines 55-59, col. 4, lines 7-9, col. 4, lines 61-63, and col. 8, lines 56-59, and "selected and controlled by said administrator" at col. 1, lines 55-59, col. 3, lines 62-64, and col. 2, lines 35-37. Weschler teaches as follows:

"...Core profile engine 201 responds to the client application requests by executing requested functions on virtual profile data store 205. Core profile engine 201 maintains a set of metadata about every attribute and binding for every profile.

Art Unit: 2177

This metadata controls how the profile engine 201 makes the profile data available to client applications 202. This metadata includes, but is not limited to, information regarding owner identity, **read-write-modify permissions**, group membership, timestamps, triggers, and the like.

Virtual profile data store 205 may comprise a single data storage device, but more often comprises a plurality of disparate, heterogeneous data storage devices. The specific example of FIG. 2 includes a relational database 206, **lightweight directory access protocol** 207, flat data file 208, object oriented database 209, and X.500 directory 211..." at col. 8, lines 1-15.

"...Specific **attributes** can be requested as a return value with **access control** being checked..." at vol. 8, lines 57-59.

"...API 203 provides an interface that enables client applications that have a corresponding interface to send messages that enable the application to send data and **commands** to request profile services from core profile engine 201..." at col. 7, lines 57-61.

"...Each software application running on the client, or the client's operating system ("OS") may save client specific configuration data that is used by the **client** to fine-tune and **define** the user's software environment at runtime..." at col. 1, lines 55-59.

"...The user or **system administrator** must manually track the location and content of each configuration file..." at col. 2, lines 35-37.

These combined teachings of Weschler show that system administrator is the agent of the client that defines (selects and controls) access using read access control commands provided through LDAP attributes.

19. In the second argument for claims 1, 10, and 19 on page 2, paragraph 9 and page 3, paragraph 1, the Applicant states:

"Furthermore, Applicant is of the opinion that Weschler, Hann, and Albrecht alone or in combination do not teach, suggest, or contemplate the following:

- giving the user the ability to decide who can access some personal information (on

Art Unit: 2177

page 2, lines 10-11)."

The Examiner disagrees. Weschler teaches "said user selecting a subset" at col. 3, lines 43-47, col. 3, lines 62-64, col. 1, lines 60-63, and col. 4, lines 7-9 and "from said system administrator defined LDAP user attributes" at col. 2, lines 35-37, col. 1, lines 55-63, and col. 8, lines 56-59. The Examiner combines Weschler's teachings at col. 1, lines 55-63 and col. 8, lines 56-59 to represent a "piece of a set" as a "subset".

20. In the third argument for claims 1, 10, and 19 on page 3, paragraph 2, the Applicant states:

"providing a simplified access control language that gives the system administrator the ability to allow a user to specify a list of people that have access to certain attributes of that user's entry information (on page 2, lines 22-24)"

The Examiner disagrees. The Applicant has paraphrased the claim language. These claims do not use the term "list of people". These claims use the term "read list".

Albrecht teaches the use of a "read list of names" at col. 10, lines 18-23.

21. In the fourth argument for claims 1, 10, and 19 on page 3, paragraph 3, the Applicant states:

"providing a mechanism to allow a user to make those specifications (on page 2, lines 25-26)"

The Examiner disagrees. This argument is essentially a repeat of the second argument. For this reason, the response to the second argument is also valide for the fourth argument.

22. In the fifth argument for claims 1, 10, and 19 on page 3, paragraph 4, the Applicant states:

Art Unit: 2177

"providing access control lists (ACL) created by system administrators, where such ACLs list the specific attributes that the user is allowed to control read or write access, thus giving the administrators full control of what information the user can give out (on page 3, lines 10-12)"

The Examiner disagrees. The Applicant has paraphrased the claim language. The use of access control lists does not appear in independent claims 1, 10, and 19. The combination of teachings by Weschler and Albrecht teaches "access control command attribute read lists as follows: Weschler teaches "wherein said read access control command" at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59 and Albrecht teaches "read list" at col. 10, lines 18-23.

23. In the sixth argument for claims 1, 10, and 19 on page 3, paragraph 5, the Applicant states:

"...storing the ACLs in the directory along with the entries such that when a user accesses an entry in a directory, the server checks the ACL specified for attributes being accessed (on page 3, lines 14-15)."

The Examiner disagrees. The Applicant has paraphrased the claim language. The use of access control lists does not appear in independent claims 1, 10, and 19. The combination of teachings by Weschler and Albrecht teaches "access control command attribute read lists as follows: Weschler teaches "wherein said read access control command" at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59 and Albrecht teaches "read list" at col. 10, lines 18-23. Weschler teaches "resides in a directory containing said LDAP user attributes" at col. 8, lines 10-15 and col. 8, lines 56-59.

### ***Conclusion***

24. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See

Art Unit: 2177

MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

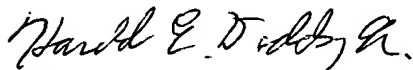
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

25. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Harold E. Dodds, Jr. whose telephone number is (703)-305-1802. The examiner can normally be reached on Monday - Friday 8:00 - 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Breene can be reached on (703)-305-9790. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2177

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Harold E. Dodds, Jr.  
Patent Examiner  
June 1, 2004



GRETA ROBINSON  
PRIMARY EXAMINER